

STEREO MOC Status Report  
Time Period: 2012:247 - 2012:253

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
  - On day 247, during the DSS-63 support, turbo decoder lock was lost intermittently beginning at 0546z through 0837z. This anomaly resulted in the loss of 42 frames of SSR data. See DR# N108365 for more information.
  - On day 248, during the DSS-34 support, turbo decoder lock was lost briefly at 2108z. This anomaly resulted in the loss of one frame of SSR data. See DR# N108366 for more information.
  - On day 250, during the DSS-55 support, turbo decoder lock was lost briefly at 0556z and again at 0614z. This anomaly resulted in the loss of five frames of SSR data. See DR# N108386 for more information.
  - On day 250, during the DSS-25 support, turbo decoder lock was lost briefly at 1542z and again at 1706z. Later in the support, the monitor data was lost at 1635z due to a monitor data server anomaly. The server was rebooted and monitor data was received again at 1642z. These anomalies resulted in the loss of seven minutes of monitor data and two frames of SSR data. See DRs# N108374 and N108385 for more information.
  - On day 251, during the DSS-14 support, turbo decoder lock was lost briefly at 1218z. SSR pointers were repositioned to minimize data loss. All SSR data was recovered. See DR# N108389 for more information.
  - On day 252, during the DSS-55 support, turbo decoder lock was lost intermittently beginning at 0638z through 0708z. This anomaly resulted in the loss of seven frames of SSR data. See DR# N108394 for more information.
  - On day 253, during the DSS-63 support, turbo decoder lock was lost intermittently beginning at 0546z through 0934z. This anomaly resulted in the loss of 103 frames of SSR data. See DR# N108395 for more information.

2. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Ahead was 4.7 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 247, during the DSS-25 support, turbo decoder lock was lost briefly at 0006z. This anomaly resulted in the loss of one frame of SSR data. See DR# N108360 for more information.
- On day 247, during the DSS-65 support, turbo decoder lock was lost intermittently beginning at 1145z through 1707z. This anomaly resulted in the loss of 654 frames of SSR data. See DR# M106898 for more information.
- On day 248, during the DSS-65 support, initial telemetry lock was established late at 1527z due to the station being declared red before the start of the track. SSR pointers were repositioned to minimize data loss. Later in the support, turbo decoder lock was lost intermittently beginning at 1817z through 1845z. These anomalies resulted in the loss of 100 frames of SSR data and 27 minutes of real-time telemetry, commanding and tracking data. See DR# M106899 for more information.
- On day 250, during the DSS-24 support, turbo decoder lock was lost briefly at 0006z. This anomaly resulted in the loss of one frame of SSR data. See DR# N108371 for more information.
- On day 250, during the DSS-55 support, monitor data was lost at 1635z due to a monitor data server anomaly. The server was rebooted and monitor data was received again at 1642z. This anomaly resulted in the loss of seven minutes of monitor data. All SSR data was received. See DR# N108381 for more information.

- On day 251, during the DSS-63 support, turbo decoder lock was lost intermittently beginning at 1545z through 1714z. This anomaly resulted in the loss of 192 frames of SSR data. See DR# N108390 for more information.
- On day 252, during the DSS-63 support, turbo decoder lock was lost briefly at 1240z and again at 1311z. This anomaly resulted in the loss of 80 frames of SSR data. See DR# N108397 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 247, the SECCHI instrument reset at 13:00:39z. The SECCHI team reconfigured the instrument to operational mode at 1516z. This was the 17<sup>th</sup> reset of SECCHI on the Behind spacecraft.
- On day 248, the 22<sup>nd</sup> SECCHI stepped calibration, for the midpoint in the orbit, was executed.
- The average daily SSR playback volume for Behind was 4.5 Gbits during this week.